PATENT ABSTRACTS OF JAPAN

(11)Publication number :   03-048938

(43)Date of publication of application : 01.03.1991

(51)Int.Cl.   G06F 9/46
                                         G06F 9/46
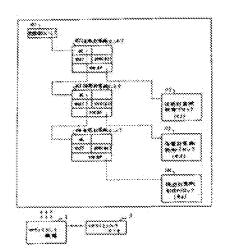
(21)Application number : 01-185462   (71)Applicant : NEC CORP

(22)Date of filing :   17.07.1989   (72)Inventor :   YOKOYAMA YASUSHI

(54) VIRTUAL COMPUTER SYSTEM

(57)Abstract:

PURPOSE: To reduce the overhead loss by setting the VP processes of all virtual computers directly to the real computer hardware.

CONSTITUTION: When an activation instruction of a virtual computer is produced via a real computer, a VM dispatch mechanism 2 is started to check whether a certain virtual computer is carried out via the real computer or not. If not, the virtual computers are immediately carried out by the real computer. If so, the virtual computer which is being carried out by the real computer is carried on as it is just by connecting the virtual computer to the end of a queue. Thus several activated virtual computers are connected to a VM queue in the form of a practicable virtual computer entry and in the order where these virtual computers can be carried out by the real computer.